

INTERNATIONAL SEARCH REPORT

tional application No.
PCT/CA2005/000359

A. CLASSIFICATION OF SUBJECT MATTER IPC(7): F01K 27/00, F17D 1/04, F01D 15/10		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC(7): F01K, F17D, F01D		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used) Delphion and Canadian Patent Database; and search terms used: natural gas, turbine, turbo-expander, expan*, let down, electric*, generat*, heat exchanger, pre-heat*, preheat*, and pressure control station		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,167,692 B1 (GENERAL ELECTRIC CO.) 02 January 2001 (02-01-2001) Abstract; figures 1 and 2; column 1, line 15 to column 3, line 67; and claims 1 to 16	1 to 4
X	US 2003/0177785 A1 (EXXON MOBIL USPTREAM REASERCH COMPANY) 25 September 2003 (25-09-2003) Abstract; figures 2 to 4; paragraphs [0014] to [0016], [0034] to [0052]; and claims 1 to 40	1 to 3
X	EP 0 596 143 A1 (AKTSIONERNOE OBSHESTVO "KRYOKOR") 11 May 1994 (11-05-1994) Abstract; figure 1; column 2, line 36 to column 3, line 42; and claims 1 and 2	1, 3 and 4
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "B" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search 30 May 2005 (30-05-2005)	Date of mailing of the international search report 30 June 2005 (30-06-2005)	
Name and mailing address of the ISA/CA Canadian Intellectual Property Office Place du Portage I, C114 - 1st Floor, Box PCT 50 Victoria Street Gatineau, Quebec K1A 0C9 Facsimile No.: 001(819)953-2476	Authorized officer Sylvestre Michael Bishop (819) 953-9813	

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Information on patent family members

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Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
US6167692	02-01-2001	US6233916 B1	22-05-2001
US2003177785	09-25-2003	AU2003214242 A1	08-10-2003
		EP1490639 A1	29-12-2004
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